

What is claimed is:

1. An oil passage structure for an engine, the engine including a tensioner arm provided in sliding-contact with a cam chain, the cam chain being adapted to reduce the speed of a crankshaft by half and transmit the resultant power to camshafts of the engine for driving an intake valve and an exhaust valve of the engine, and a screw type lifter having a lifter rod with one end in contact with the tensioner arm, the screw type lifter being provided in a cylinder head of the engine, said oil passage structure comprising:

an oil passage formed so as to extend around said cylinder head, oil discharged from an oil pump of the engine being fed through said oil passage,

wherein a downstream end of said oil passage is in communication with the screw type lifter.

2. The oil passage structure for an engine according to claim 1, wherein the camshafts are rotatably supported by a plurality of cam journal walls provided in the cylinder head and a plurality cam holders fastened to the plurality of cam journal walls, respectively,

wherein said oil passage is formed in such a manner as to pass through sliding-contact portions between said camshafts and one of the plurality of cam journal walls and one of the plurality of cam holders.

3. The oil passage structure for an engine according to claim 2, wherein said oil passage comprises:

a pair of annular grooves surrounding the camshafts, said annular grooves being provided in said one cam journal wall and said one cam holder formed;

a communication groove for connecting said annular grooves to each other, said communication groove being provided in at least one of joining faces of said one cam journal wall and said one cam holder to said cylinder head; and

a pair of communication passages provided in a straight line in said one cam journal wall in such a manner as to be in communication with said annular grooves, respectively.

4. The oil passage structure for an engine according to claim 1, wherein a sub-gallery is provided in a crankcase of the engine in such a manner as to be independent from a main-gallery, said sub-gallery for leading oil from the oil pump to the oil passage extending around the cylinder head, and said main gallery for leading oil from the oil pump to portions to be lubricated at least in the crankshaft.

5. The oil passage structure for an engine according to claim 2, wherein a sub-gallery is provided in a crankcase of the engine in such a manner as to be independent from a main-gallery, said sub-gallery for leading oil from the oil pump to the oil passage extending around the cylinder head, and said main gallery for leading oil from the oil pump to portions to be lubricated at least in the crankshaft.

6. The oil passage structure for an engine according to claim 3, wherein a sub-gallery is provided in a crankcase of the engine in such a manner as to be independent from a main-gallery, said sub-gallery for leading oil from the oil pump to the oil passage extending around the cylinder head, and said main gallery for leading oil from the oil pump to portions to be lubricated at least in the crankshaft.

7. An oil passage structure for an engine, comprising:
an oil passage formed so as to extend around said cylinder head, oil discharged from
an oil pump of the engine being fed through said oil passage,
wherein a downstream end of said oil passage is in communication with a screw type
lifter of the engine.

8. The oil passage structure for an engine according to claim 7, wherein
camshafts of the engine are rotatably supported by a plurality of cam journal walls provided
in the cylinder head and a plurality cam holders fastened to the plurality of cam journal walls,
respectively,

wherein said oil passage is formed in such a manner as to pass through sliding-contact
portions between said camshafts and one of the plurality of cam journal walls and one of the
plurality of cam holders.

9. The oil passage structure for an engine according to claim 8, wherein said
oil passage comprises:

a pair of annular grooves surrounding the camshafts, said annular grooves being
provided in said one cam journal wall and said one cam holder formed;

a communication groove for connecting said annular grooves to each other, said
communication groove being provided in at least one of joining faces of said one cam journal
wall and said one cam holder to said cylinder head; and

a pair of communication passages provided in a straight line in said one cam journal
wall in such a manner as to be in communication with said annular grooves, respectively.

10. The oil passage structure for an engine according to claim 7, wherein a sub-
gallery is provided in a crankcase of the engine in such a manner as to be independent from a

main-gallery, said sub-gallery for leading oil from the oil pump to the oil passage extending around the cylinder head, and said main gallery for leading oil from the oil pump to portions to be lubricated at least in the crankshaft.

11. The oil passage structure for an engine according to claim 8, wherein a sub-gallery is provided in a crankcase of the engine in such a manner as to be independent from a main-gallery, said sub-gallery for leading oil from the oil pump to the oil passage extending around the cylinder head, and said main gallery for leading oil from the oil pump to portions to be lubricated at least in the crankshaft.

12. The oil passage structure for an engine according to claim 9, wherein a sub-gallery is provided in a crankcase of the engine in such a manner as to be independent from a main-gallery, said sub-gallery for leading oil from the oil pump to the oil passage extending around the cylinder head, and said main gallery for leading oil from the oil pump to portions to be lubricated at least in the crankshaft